

| Ref # | Hits    | Search Query                                                                                                                  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|---------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------|---------|------------------|
| L1    | 3       | ("2443423" "4461751" "5958273").pn.                                                                                           | US-PGPUB; USPAT        | OR               | ON      | 2005/07/27 08:22 |
| S1    | 20865   | (beta near2 zeolite) or mordenite , or faujasite or (x near2 zeolite) or (y near2 zeolite) or MOR or BEA or FAU               | US-PGPUB; USPAT        | OR               | ON      | 2005/07/27 08:21 |
| S2    | 22018   | pore near2 volume                                                                                                             | US-PGPUB; USPAT        | OR               | ON      | 2005/07/26 10:10 |
| S3    | 68043   | ruthenium or ru!                                                                                                              | US-PGPUB; USPAT        | OR               | ON      | 2005/07/26 10:10 |
| S4    | 324     | S1 same S3                                                                                                                    | US-PGPUB; USPAT        | OR               | ON      | 2005/07/26 15:00 |
| S5    | 715     | S1 same S2                                                                                                                    | US-PGPUB; USPAT        | OR               | ON      | 2005/07/26 10:00 |
| S6    | 23      | S4 and S5                                                                                                                     | US-PGPUB; USPAT        | OR               | ON      | 2005/07/26 10:10 |
| S7    | 4355    | 502/60-79.ccls.                                                                                                               | US-PGPUB; USPAT        | OR               | ON      | 2005/07/26 10:34 |
| S8    | 10744   | (beta near2 zeolite) or mordenite or faujasite or (x near2 zeolite) or (y near2 zeolite) or MOR or BEA or FAU                 | EPO; JPO; DERWENT      | OR               | ON      | 2005/07/26 10:10 |
| S9    | 9073    | pore near2 volume                                                                                                             | EPO; JPO; DERWENT      | OR               | ON      | 2005/07/26 10:10 |
| S10   | 868064  | ruthenium or ru!                                                                                                              | EPO; JPO; DERWENT      | OR               | ON      | 2005/07/26 10:11 |
| S11   | 0       | S8 same S9 same S10                                                                                                           | EPO; JPO; DERWENT      | OR               | ON      | 2005/07/26 10:11 |
| S12   | 107     | S8 same S10                                                                                                                   | EPO; JPO; DERWENT      | OR               | ON      | 2005/07/26 10:33 |
| S13   | 4       | S12 and (fuel near2 cell)                                                                                                     | EPO; JPO; DERWENT      | OR               | ON      | 2005/07/26 10:33 |
| S14   | 324     | S1 same S3                                                                                                                    | US-PGPUB; USPAT        | OR               | ON      | 2005/07/26 10:34 |
| S15   | 71      | S14 and S7                                                                                                                    | US-PGPUB; USPAT        | OR               | ON      | 2005/07/26 12:36 |
| S16   | 4       | ("3884838"   "5189005"   "6117581"   "6168772").PN.                                                                           | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/07/26 10:53 |
| S17   | 1795156 | rhodium platinum palladium rhenium nickel iron cobalt lead tin silver iridium gold copper manganese zinc zirconium molybdenum | US-PGPUB; USPAT        | OR               | ON      | 2005/07/26 10:55 |

|     |       |                                                                                                                                                 |                              |    |    |                  |
|-----|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|----|------------------|
| S18 | 4820  | S1 same S17                                                                                                                                     | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 10:55 |
| S19 | 517   | S5 and S18                                                                                                                                      | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 10:55 |
| S20 | 94    | S19 and S7                                                                                                                                      | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 11:49 |
| S21 | 956   | S18 and S7                                                                                                                                      | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 11:49 |
| S22 | 3292  | S1 and S3                                                                                                                                       | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 12:37 |
| S23 | 535   | S22 and S7                                                                                                                                      | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 12:37 |
| S24 | 464   | S23 not S15                                                                                                                                     | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 12:37 |
| S25 | 464   | S24 not S6                                                                                                                                      | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 15:51 |
| S26 | 97834 | (binder or matrix) same (alumina<br>or aluminum or "al.sub.2 o.sub.3"<br>or silica or silicon or<br>pseudoboehmite or (pseudo adj<br>boehmite)) | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 15:05 |
| S27 | 135   | S4 and S26                                                                                                                                      | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 15:06 |
| S28 | 72    | ildebrando.xa. and S3                                                                                                                           | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 15:51 |
| S29 | 25    | S28 and S7                                                                                                                                      | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 15:52 |
| S30 | 1     | "5053571".pn.                                                                                                                                   | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 15:52 |
| S31 | 8     | ("4962250"   "5037538"  <br>"5108969"   "5292976"  <br>"5384296"   "5554274"  <br>"5705729"   "6133470").PN.                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/07/26 15:56 |
| S32 | 68    | hydroalkylation                                                                                                                                 | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 15:56 |
| S33 | 30    | S32 and S26                                                                                                                                     | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 16:26 |
| S34 | 1     | "4122125".pn.                                                                                                                                   | US-PGPUB;<br>USPAT           | OR | ON | 2005/07/26 16:26 |